

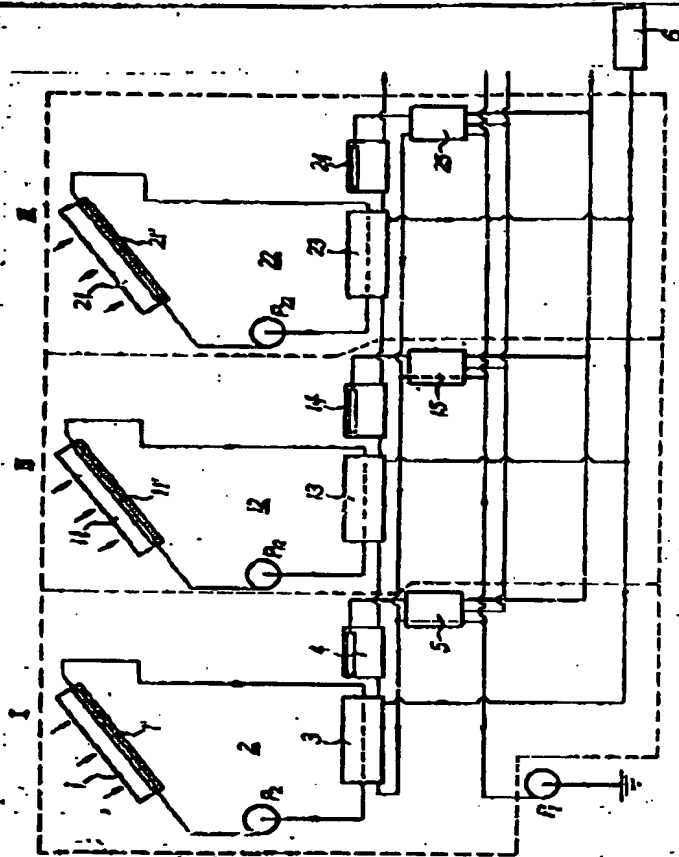
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 Solar energy evaporator for pure water prodn. from sea water - in which heat exchanger has nozzles for introducing air into sea water being heated by hot oil

Multi-stage appts. for producing pure water from sea water, comprises (a) a number of evaporation stages each including a solar energy collecting device where liq. oil is heated by the collected solar energy, (b) a heat exchanger for heating sea water by heat exchange with the heated oil, (c) an evaporator including an ejector for evacuating the evaporation chamber to cause vaporisation of the heated sea water from the heat exchanger and (d) a second heat exchanger for cooling and condensing the vapour while heating the newly supplied sea water.

The heat exchanger includes air nozzles for introducing air bubbles into the sea water being heated by oil tubes to assure more efficient heat transfer to the water.

(6pp47)

D(4-A1A).



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